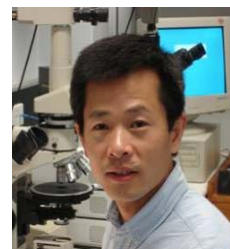


28 Prof. Jianwei Li



Name: Jianwei Li

Organization: University of Geosciences or State Key Laboratory of Geological Processes and Mineral Resources of China, China University of Geosciences (Wuhan)

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Education

B.A. Mineral Deposit, China University of Geosciences, Wuhan, China, 1993

Ph.D. Mineral Prospecting and Exploration, China University of Geosciences, Wuhan, China, 1998

Work Experience

Lecturer, China University of Geosciences, Wuhan, China, 1998-2000

Associate Professor, China University of Geosciences, Wuhan, China, 2000-2003

Professor, China University of Geosciences, Wuhan, China, 2003-present

Research Interests

Mineral deposit / Mineral prospecting and exploration

Craton activation and large scale mineralization

Magmatic evolution and mineralization

Ore-forming fluid and ore deposit geochemistry

Qinling Mountains orogenic belt and its adjacent area of Mesozoic mineralization

Carlin type gold deposit, skarn skarn Fe-Cu deposit, orogenic type gold deposit

Deposit surface meaning enrichment process and ancient climate and geomorphology

Isotopic geochronology and its application in the evolution process of the mineral deposit and landform

Services & Awards

Fellow of Society of Economic Geologist

Member of the Professional Deposit Chemistry Committee of Chinese Society for Mineralogy, Petrology and Geochemistry (CSMPG)

Member of China Society of Mineralogy and Geochemistry of Ore Deposit Geochemistry

Member of expert evaluation panel of National Natural Science Fund Committee

Deputy director of the State Key Laboratory of geological processes and mineral resources

Since 2006, he has been a backbone member of national innovative research group and

intelligence base of university innovation. In 2003, he was selected into the Funding Plan of Ministry of Education for Young Excellent Teachers.

In 2005, he was selected the Support Plan of Ministry of Education for Talents in the New Century.

In 2006, he won the Fok Ying-Tong Education Foundation for Young Teachers in the Higher Education Institutions of China.

In 2008, he was recruited as distinguished professor for Chutian Scholar Program by China University of Geosciences.

Since 2012, he has been an honorary professor of University of Queensland of Australia.

Committee Responsibilities and Professional Activities

Editorial board member of *Mineral Deposit*

Editorial board member of *Acta Mineralogica Sinica*

Contributing editor of *Ore Geology Review Iron Metallogeny in China Special Issue*

Editorial board member of *Frontiers of Earth Sciences in China*

Major Publications

Hu, H., Lentz, D., Li, J.W, Mccarron, T., Zhao, X. F, Hall, D., 2015. Re-equilibration processes of magnetite from iron skarn deposits. *Economic Geology*, 110: 1-8.

Deng, X. D., Li, J. W., Wen, G., 2015. Using U-Pb Geochronology of Hydrothermal Zircon to precisely Date Early Cretaceous Iron Skarn Mineralization in the Handan-Xingtai District, North China Craton. *Economic Geology*, under review.

Chen, L., Li, X. H., Li, J. W., Hofstra, A. H., Liu, Y., Koeni, A. E., 2015. Extreme variation of sulfur isotopic compositions in pyrite from the Qiuling Carlin-like gold deposit, West Qinling orogen, central China: An in-situ SIMS study with implications for the source of sulfur. *Mineralium Deposita*, in revision.

Wang, Y., Zhou, L., Gao, S., Li, J. W., Hu, Z. F., Yang, L., Hu, Z. C., 2015. Variation of molybdenum isotopes in molybdenite from porphyry Mo deposits in the Gangdese metallogenic belt, Tibetan Plateau and its implications. *Mineralium Deposita*, in revision.

Deng, X. D., Li, J. W., Zhao, X. F., Wang, H. Q., Qi, L., 2015. Re-Os and U-Pb geochronology of the Laochang Pb-Zn-Ag and concealed porphyry Mo mineralization in the Changning-Menglian suture, SW China: Implications for ore genesis and porphyry Cu-Mo exploration. *Mineralium Deposita*, under review.

Robinson, P. T., Trumbull, R. B., Schmitt, A., Yang, J. S., Li, J. W., Zhou, M. F., Erzinger, J., Dare, S., Xiong, F. H., 2015. The origin and significance of crustal minerals in ophiolitic chromitites and peridotites. *Gondwana Research*, 27: 486-506.

Zhao, X. F., Zhou, M. F., Gao, J. F., Li, X. C., Li, J. W., 2015. In situ Sr isotope analysis of apatite by LA-MC-ICPMS: constraints on the evolution of ore fluids of the Yinachang Fe-Cu-REE deposit, Southwest China. *Mineralium Deposita*, doi 10.1007/s00126-015-0578-z.

Zhou, M. F., Robinson, P. T., Su, B. X., Gao, J. F., Li, J. W., Yang, J. S., Malpas, J., 2014. Compositions of chromite, associated minerals, and parental magmas of podiform chromite deposits: The role of slab contamination of asthenospheric melts in suprasubduction zone environments. *Gondwana Research*, 26: 262-283.

Deng, X. D., Li, J. W., Vasconcelos, P. M., Cohen, B. E., Kusky, T. M., 2014. Geochronology of the Baye Mn oxide deposit, southern Yunnan Plateau: implications for the late Miocene to Pleistocene paleoclimatic conditions and topographic evolution. *Geochimica et Cosmochimica Acta*, 139: 227-247.

Deng, X. D., Li, J. W., Wen, G., 2014. Dating iron skarn mineralization using hydrothermal allanite-(La) U-Th-Pb isotopes by laser ablation ICP-MS. *Chemical Geology*, 382: 95-110.

Chen, L., Li, J. W., 2014. $^{40}\text{Ar}/^{39}\text{Ar}$ ages and stable isotopes of supergene jarosite from the

- Baiyin VHMS ore field, NE Tibetan Plateau with paleoclimatic implications. *Chinese Science Bulletin*, 59: 2999-3009.
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- Li, J. W., Vasconcelos, P. M., Zhou, M. F., Deng, X. D., Cohen, B., Bi, S. J., Zhao, X. F., Selby, D., 2014. Longevity of magmatic–hydrothermal systems in the Daye Cu–Fe–Au District, eastern China with implications for mineral exploration, *Ore Geology Reviews*, 57: 375-392.
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